VR150/58

Thank you for buying a Philips video recorder. This video recorder is one of the most sophisticated and easy-to-use video recorders (VCR) on the market. Please take the time to read this operating manual before using your video recorder. It contains important information and notes regarding operation. The video recorder should **not be turned on immediately after transportation** from a cold to a hot area or vice versa, or in conditions of extreme humidity. Wait at least **three hours** after transporting the device. The video recorder needs this time in order to become acclimatised to its new environment (temperature, air humidity, etc.).

VHS
PAL

This video recorder is used for the recording and playback of VHS videocassettes. Cassettes with the VHS-C label (VHS cassettes for camcorders) may only be used with a suitable adapter.

We hope you enjoy your new video recorder.

Important notes regarding operation

Danger: High voltage!
Do not remove the top cover as there is a risk of an electrical shock!

To reduce the risk of fire or electric shock, do not expose this device to rain or moisture.

The video recorder does not contain any components that can be repaired by the customer. Please leave all maintenance work for qualified personnel.

As soon as the video recorder is connected to the power supply, there are some components that are in constant operation. To switch off the video recorder completely you must disconnect it from the power supply.

Make sure that air can circulate freely through the ventilation slots on the video recorder. Do not place the device on an unsteady base.

Make sure that no objects or liquids enter the video recorder. Do not place vases or the like on the video recorder. If liquid is spilt into it, immediately disconnect the video recorder from the power supply and call After-sales Service for advice.

Do not place any combustible objects on the device (candles, etc.).

Make sure that children do not place any foreign objects within the openings or ventilation slots.

These operating instructions have been printed on non-polluting paper.

Deposit old batteries at the appropriate collection points.

Please make use of the facilities available in your country for disposing of the packaging of the video recorder in a way that helps to protect the environment.

This electronic device contains many materials that can be recycled. Please enquire about the possibilities for recycling your old device.

So that you can identify your machine for service questions or in the event of theft, enter the serial number here. The serial number (PROD.NO.) is printed on the type plate fixed at the back of the device.

MODEL NO.	**VR150/58**
PROD. NO.	**.....**

This product complies with the requirements of Directive 73/23/EEC +89/336/EEC +93/68 EEC.

Specifications

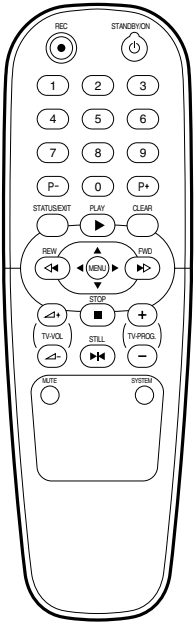
Voltage: 220-240V/50Hz
Power consumption : 14W
Power consumption (Standby): less than 3W
Rewind time: 260 seconds (cassette E-180)
Dimensions in cm (WxDxH): 36.0x22.6x9.2
Number of video heads : 2
Recording/playback time:
3 hours (SP) (cassette E-180)
6 hours (LP) (cassette E-180)

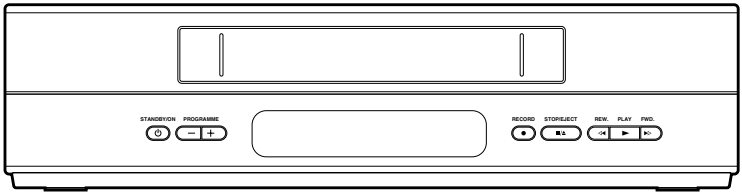
Supplied accessories

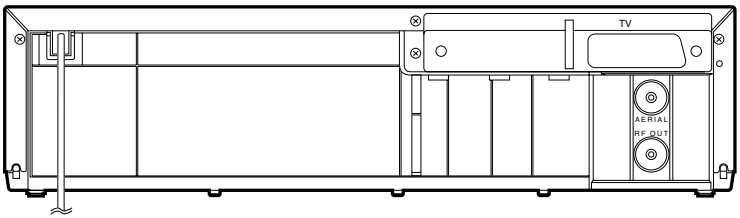
- Operating instructions
- Remote control and 2 batteries
- Aerial Cable

PHILIPS

1. Description of controls







The remote control

Buttons for VCR feature only

REC ● To record the TV channel selected at this moment.

STANDBY/ON ⏻ To switch off or on, interrupt menu function.

0..9 Press to select channels at VCR.

P+ **P–** To select the programme number. During playback, press to adjust the tracking.

STATUS/EXIT To access or remove the VCR's on-screen status display. To exit on-screen menus.

CLEAR To delete last entry. To clear a programmed recording (TIMER). To reset the elapsed time counter in the playback, recording or stop mode.

STILL ▶I◀ To stop the tape and play back a picture step by step. (except for during fast forwarding and fast rewinding)

SYSTEM To change video (colour) system.

MENU To call up main menu of VCR.

FWD ▶▷- ▶ When tape playback is stopped, press to fast forward the tape at high speed. During playback, press to fast forward the tape while the picture stays on the screen. To store or confirm entry in the menu.

REW ◁◀- ◀ When tape playback is stopped, press to rewind the tape at high speed. During playback, press to rewind the tape while the picture stays on the screen.To return the cursor in the menu.

PLAY ▶- ▲ To play back a tape, select an item in the menu of VCR.

STOP ■- ▼ To stop the tape, select an item in the menu of VCR.

Buttons with TV feature

MUTE To eliminate the TV's sound. Press again to restore the volume.

TV-VOL ◿+ **TV-VOL ◿–** To adjust the TV's volume.

TV-PROG.+ **TV-PROG.–** To select a programme number on the TV.

You can use this remote control to operate some functions of Philips TVs.

Front of your VCR

STANDBY/ON ⏻ To switch off or on, interrupt menu function.

PROGRAMME+ **PROGRAMME-** To select the programme number. During playback, press to adjust the tracking.

RECORD To record the TV channel selected at this moment.

FWD.

When tape playback is stopped, press to fast forward the tape at high speed. During playback, press to fast forward the tape while the picture stays on the screen.

REW.

When tape playback is stopped, press to rewind the tape at high speed. During playback, press to rewind the tape while the picture stays on the screen.

PLAY To play back a tape.

STOP/EJECT To stop the tape and eject the cassette.

Back of your VCR

TV To connect the TV.

AERIAL To connect the aerial cable.

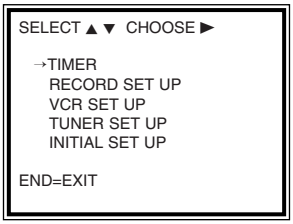
RF OUT To connect the TV.

2. Important notes for operation

Navigation in the screen menu

You can check/change many functions and settings of your video recorder via the on-screen menu. The individual functions are selected, via the remote control as follows:

Call up the menu: with **MENU**.



To select: with **PLAY ►-▲** **STOP ■-▼**.

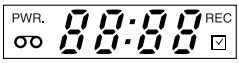
To enter or change your selection: with the number buttons **0..9** or with **PLAY ►-▲** **STOP ■-▼**.

To save or confirm: with **FWD ▶▷- ►**.

To cancel: with **CLEAR**.

To end: with **STATUS/EXIT**.

The symbols on your video recorder display



These symbols can light up on your video recorder display:

PWR. When you keep your video recorder on.

ꝏ When you have put a cassette in the video recorder.

88:88 Display of programme number of the TV channel / time / RF channel.

REC When you record.

☑ When you have programmed a recording.

Switching on
You can switch on the video recorder with the **STANDBY/ON** ⏻ button.

Automatic switch-off
If the video recorder is not used for several minutes, it switches itself off automatically. This function can be deactivated (e.g. if you want to use the video recorder as a TV receiver). For more information, please read the section 'Automatic switch-off' in chapter 'Other functions'.

Time in the display
If you have switched the video recorder off with **STANDBY/ON** ⏻, the time will show in the display, e.g. '18:00'.
If the clock has not been set, ' --:-- ' will appear.

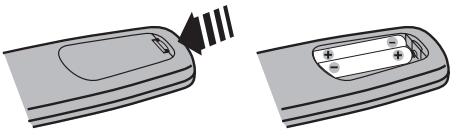
Power consumption
The video recorder should always be connected to the mains so as not to affect the use of the TV or programmed recordings.
If the display has been switched off, your video recorder consumes less than 3W in stand-by.

Power outage/no power
Channel information remains saved for up to 1 year, the time and timer information is saved for up to 1 minute.

3. Connecting the video recorder

Preparing the remote control for operation

The remote control and its batteries are packed separately in the original video recorder packaging. You must install the batteries in the remote control before use.

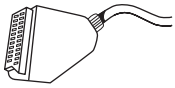


1. Take the remote control and the enclosed batteries (2 batteries).
2. Open the remote control's battery compartment and place the batteries in it as shown in the picture and close the battery compartment.

The remote control is now ready to use. Its range is approximately 7 metres.

Connecting your video recorder to the TV

The necessary cable connections must be made before you can record or playback TV programmes using your video recorder.

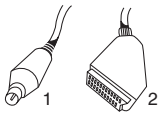


We recommend that you use a scart cable to connect your TV and video recorder.

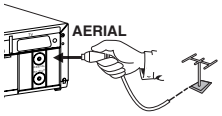
What is a scart cable?
The scart or Euro AV cable serves as the universal connector for picture, sound and control signals. With this type of connection, there is practically no loss of quality during the picture or sound transfer.

Connecting with a scart cable

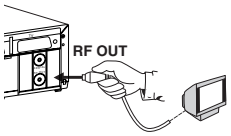
Have the following cables ready:
an aerial cable (1, supplied), a scart cable (2, not supplied).



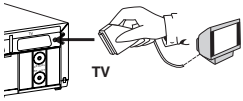
1. Remove the aerial cable plug from your TV. Insert it into the AERIAL at the back of the video recorder.



2. Insert one end of the supplied aerial cable into the RF OUT at the back of the video recorder and the other end into the aerial input socket at the back of the TV.



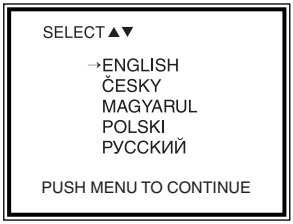
3. Plug one end of a scart cable into the scart socket 'TV' at the back of the video recorder and the other end into the suitable scart socket on your TV reserved for the video recorder operation (see your TV's operating instructions).



4. Switch on the TV.
5. Insert AC cable into the wall socket.

My TV has several scart sockets. Which one should I use?
Select that scart socket which is suited for the video output as well as for the video input.
My TV has a configuration menu for the scart socket.
Please configure this scart socket as input-Output.

6. If the connection was properly made and your TV was automatically switched to the programme number for the scart socket, you will see the following picture:



Then, read the section 'Preparation for use' in the chapter 'Installing your video recorder'.

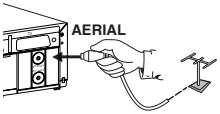
My screen is empty
- Many TVs are switched to the programme number for the scart socket by way of a control signal sent through the scart cable.
- If the TV does not automatically switch to the scart socket programme number, manually change to the corresponding programme number on your TV (see your TV's operating instructions).

Connecting without a scart cable

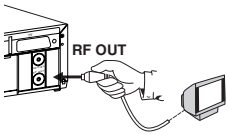
Have an aerial cable (supplied) ready.

1. Switch off your TV.

2. Remove the aerial cable plug from the aerial input socket of the TV. Insert it into the AERIAL at the back of the video recorder.



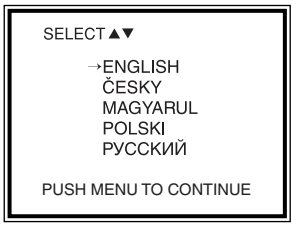
3. Insert one end of the supplied aerial cable into the RF OUT at the back of the video recorder and the other end into the aerial input socket at the back of the TV.



4. Insert AC cable into the wall socket.

5. Switch on your TV and select the programme number used for video playback on your TV (see your TV's operating instructions).

6. Start the TV's channel search manually as if you wanted to save a new TV channel until the next screen appears (see your TV's operating instructions).



I do not see a Language setting picture
- Check the cable connections.
- Repeat the channel search on your TV.

7. Save this programme number setting on your TV for video recorder operation.

Then, read the section 'Preparation for use' in the chapter 'Installing your video recorder'.

Programme number for video recorder operation

You have now saved a programme number for use by your video recorder as you would a regular TV channel. This programme number must now be used in future for video recorder playback ('video recorder' TV channel).

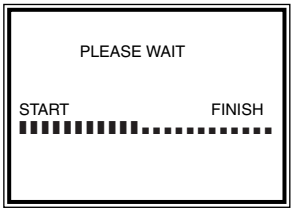
4. Installing your video recorder

Preparation for use

This chapter shows you how to prepare the video recorder for use. The video recorder automatically seeks out and stores all available TV channels.

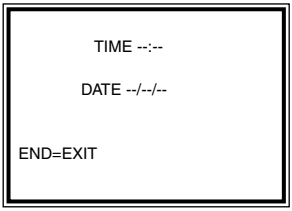
'Aim' correctly
In the following sections, you require the remote control for the first time. When using, always aim the front of the remote control at the video recorder and not at the TV.
Connecting additional devices
After you have connected additional devices (satellite receiver, etc.) through the aerial cable, switch them on. The automatic channel search will recognise them and save them.

1. Select the desired language for the on-screen menu by pressing PLAY ►-▲ or STOP ■-▼.
2. Press MENU.
3. Confirm with P+.
   The automatic TV channel search starts.



The video recorder does not find any TV channels during the search
- Select channel 1 on the TV. Can you see the saved TV channel on the TV?
  If not, check the cable connection of the aerial (aerial socket), video recorder, TV.
- The video recorder searches the entire frequency range in order to find and save the largest possible number of TV channels. It is possible that the TV channels in your country are broadcast in a higher frequency range. As soon as this range is reached during the search, the video recorder will find the TV channels.

4. The clock setting display appears on the TV screen.



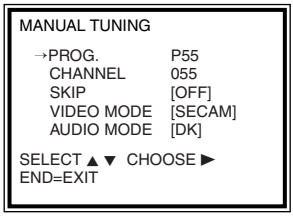
5. Set the time with the number buttons 0..9.
6. Set 'DAY', 'MONTH' and 'YEAR' with the number buttons 0..9.
7. When all information is correct, save by pressing STATUS/EXIT.

The preparation for use is now complete.

Manual TV channel search

In some cases it can occur that all of the TV channels are not found and saved during the first installation. In this case, the missing or coded TV channels must be searched for and stored manually.

1. Switch on the TV. If required, select the programme number for the video recorder.
2. Press MENU. The main menu will appear.
3. Use PLAY ►-▲ or STOP ■-▼ to select 'TUNER SET UP'. Then press FWD ►▷-►.
4. Use PLAY ►-▲ or STOP ■-▼ to select 'MANUAL TUNING'. Then press FWD ►▷-►.



5. Select 'PROG.' with PLAY ►-▲ or STOP ■-▼. Then press FWD ►▷-►.
6. With PLAY ►-▲ or STOP ■-▼ or 0..9, select the desired programme number that you want to use for the TV channel, e.g. 'P01'. Then press FWD ►▷-►.
7. Select 'CHANNEL' with PLAY ►-▲ or STOP ■-▼, and confirm with FWD ►▷-►. Then enter the desired channel with 0..9.
   If you set 'SKIP' on for a channel, this channel will be ignored when going through the channels with P+ or P–.

I don't know the channels for my TV stations
In this case, press PLAY ►-▲ or STOP ■-▼ in 'CHANNEL' to start the automatic channel search. A changing channel number will appear on the TV screen. Continue the automatic search until you have found the desired TV channel.

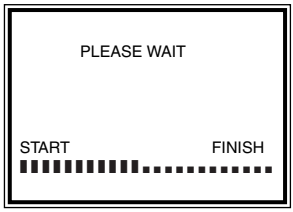
8. Save the TV channel with FWD ►▷-►.
9. To search for other TV channels, begin again at step 5.
10. To end, press STATUS/EXIT.

How do I change 'VIDEO MODE' or 'AUDIO MODE'?
If you want to change the video or audio mode, select 'VIDEO MODE' or 'AUDIO MODE' with PLAY ►-▲ or STOP ■-▼. Then, press FWD ►▷-► to select your desired mode.

Automatic Tuning

During installation, all available TV channels are searched for and saved. If the channel assignments of your cable or satellite TV provider change or if you are re-installing the video recorder, e.g. after moving house, you can start this procedure again. This will replace all the TV channels already saved with the new ones.

1. Switch on the TV. If required, select the programme number for the video recorder.
2. Press MENU. The main menu will appear.
3. Select 'TUNER SET UP' with PLAY ►-▲ or STOP ■-▼ and confirm with FWD ►▷- ►.
4. Select 'AUTO TUNING' with PLAY ►-▲ or STOP ■-▼ and confirm with FWD ►▷- ►.

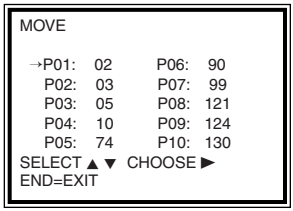


5. The automatic TV channel search starts. This allows the video recorder to save all available TV channels. This procedure may take several minutes.
6. When the TV channel search is complete, 'COMPLETED' will briefly appear on the TV screen.

Sorting TV channels manually

After you have performed the automatic channel search you may not agree with the sequence in which the individual TV channels have been allocated to the programme positions (programme numbers) of the video recorder. You can use this function to individually sort the TV channels already saved.

1. Switch on the TV. If required, select the programme number for the video recorder.
2. Press MENU. The main menu will appear.
3. Select 'TUNER SET UP' with PLAY ►-▲ STOP ■-▼ and confirm with FWD ►▷- ►.
4. Select 'MOVE' with PLAY ►-▲ or STOP ■-▼, and confirm with FWD ►▷- ►.



5. With PLAY ►-▲ or STOP ■-▼, select the saved TV channel that you want to change.
6. Confirm with FWD ►▷- ►.
7. Move the selected channel with PLAY ►-▲ or STOP ■-▼ to the programme number you want to assign.
8. Confirm with FWD ►▷- ►.
9. To assign other TV channels to a programme number, repeat steps 5 to 8.
10. To end, press STATUS/EXIT.

Setting the language

You can change the language for the TV screen menu. However, the video recorder display will only display English text regardless of this setting.

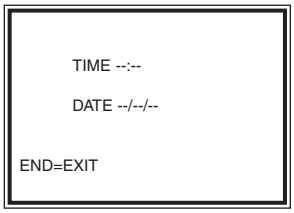
1. Switch on the TV. If required, select the programme number for the video recorder.
2. Press MENU. The main menu will appear.
3. Select 'INITIAL SET UP' with PLAY ►-▲ or STOP ■-▼ and confirm with FWD ►▷- ►.
4. Select 'LANGUAGE' with PLAY ►-▲ or STOP ■-▼ and confirm with FWD ►▷- ►.

5. Select the desired language with PLAY ►-▲ or STOP ■-▼.
6. To end, press STATUS/EXIT.

Setting the clock

If the display shows an incorrect time or ' --:-- ', the time and date must be reset manually.

1. Switch on the TV. If required, select the programme number for the video recorder.
2. Press MENU. The main menu will appear.
3. Select 'INITIAL SET UP' with PLAY ►-▲ or STOP ■-▼ and confirm with FWD ►▷- ►.
4. Select 'CLOCK' with PLAY ►-▲ or STOP ■-▼ and confirm with FWD ►▷- ►.



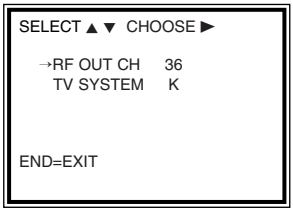
5. Check the time in 'TIME'. If required, please change the time with 0..9.
6. Check 'DAY', 'MONTH' and 'YEAR' in the same way.
7. To end, press STATUS/EXIT.

Setting the RF out channel

In some reception locations it is possible that a TV channel will be sent on the same or similar frequency as the video recorder.
Result: As soon as the video recorder is switched on, the reception quality for this or several other TV channels will decrease.
The following steps will show you how to change the pre-set 'transmission' (RF out channel) frequency on the video recorder.

What is RF out channel?
This electronic component in the video recorder allows the device to transmit audio and video signals via the aerial cable. These signals can be received on a TV just like TV channels.
What is RF out channel frequency?
This frequency or channel indicates the channel on which the audio or video signal is transmitted.

1. Switch on the TV. If required, select the programme number for the video recorder.
2. Press MENU. The main menu will appear.
3. Select 'INITIAL SET UP' with PLAY ►-▲ or STOP ■-▼ and cconfirm with FWD ►▷- ►.
4. Select 'RF OUT' with PLAY ►-▲ or STOP ■-▼ and confirm with FWD ►▷- ►.



5. Press FWD ►▷- ►.
6. Press PLAY ►-▲, STOP ■-▼ or 0..9 to select a free channel between channel 22 and channled 69 in your area.
7. Press FWD ►▷- ►.

If you cannot get an interference-free picture and sound, connect the video recorder and the TV with a scart cable. Then, switch the built-in modulator off.
Press STOP ■-▼ repeatedly until “--” appears next to “RF OUT CH” on the TV screen.
Then confirm with FWD ►▷- ►.

8. Select 'TV SYSTEM' with PLAY ►-▲ or STOP ■-▼
9. Choose 'K' or 'G' with FWD ►▷- ►.
10. To end, press STATUS/EXIT.

5. Playback

Playing back cassettes

You can operate the video recorder using the remote control or the buttons on the front of the video recorder.
If you press PLAY ►-▲, STOP ■-▼, FWD ►▷- ► or REW ◁◄- ◄ while the set is in Stand-by, the power will be automatically turned on. Additionally, if a cassette was already inserted, the corresponding operation will be performed. Your video recorder can only record and play back standard VHS cassettes.

1. Put a cassette into the cassette slot. The cassette is inserted automatically. ' ꝏ ' will appear on the display.
2. Press PLAY ►-▲ to view the tape. 'PLAY' will appear on the display.

DIGITAL STUDIO PICTURE CONTROL
Philips has developed a system which produces the best possible playback quality. For old and often-used video cassettes, this system reduces interference. For new or high quality cassettes, it emphasises the details.
Picture/ sound quality is poor
When playing rental videos or older, poorer quality cassettes, it may not be possible to completely filter out picture and sound interference. This is not a fault in your machine. Read the section 'Manual tracking'.

3. To stop the playback, press STOP ■-▼ or STOP/EJECT on the video recorder.
4. To eject the cassette, press STOP/EJECT when the video recorder stops the playback.

Automatic switch-off of special functions
Many functions (e.g. pause, still picture) switch themselves off automatically after a short time in order to protect the cassette and to save energy.

Do I need to change the playback speed when playing back LP recordings?
During playback, the correct speed will automatically be selected. For more information, please read the section 'Selecting the recording speed (SP or LP)' in the chapter 'Manual recording'.

Playing back NTSC cassettes

This video recorder can also play back cassettes that have been recorded in SP [Standard Play] or SLP [Super Long Play] mode in the NTSC standard (for example, American cassettes). However, this only works on PAL-television sets that are suitable for a picture frequency of 60Hz.

Displaying current tape position

The following information is displayed on the screen: e.g.: 0:02:45 shows the counter in hours, minutes and seconds.
SP/LP: will show the recorded speed of your cassette.

How can I set the counter to '0:00:00'?
You can set the counter to '0:00:00' with CLEAR. When you put a cassette in the video recorder, the counter will automatically reset to '0:00:00'.

The counter does not move
This occurs when there are no recordings on a portion of a tape. This is not a fault in your video recorder.
The screen shows '-0:01:20'
If you rewind a cassette from the tape position '0:00:00', the counter will show for instance, '-0:01:20' (the cassette was rewound to 1 minute and 20 seconds before '0:00:00').

Searching for a tape position with picture (scanning)

1. During playback, press REW ◁◄- ◄ (reverse) or FWD ►▷- ► (forward).
2. If you want to search in super high speed, press REW ◁◄- ◄ or FWD ►▷- ► once more. (This function will not operate for a NTSC cassettes playback in SP mode.)
3. Press PLAY ►-▲ to resume playback.

Still picture

1. During playback, press STILL ▶|◀ to stop the tape and display a still picture.
2. Press PLAY ►-▲ to resume playback.

Scanning and still picture interfere with the picture quality
Please note that the sound is muted during those functions.

- You may observe noiselines on the TV screen while in Still mode. This is normal. Note that each time you press STILL ▶|◀ the lines will change position.
- If you observe a vertical jitter of the picture, stabilize it by pressing PROGRAMME+ PROGRAMME- or P+ P– while in Still mode.

Searching for tape position without picture (forward wind and rewind)

1. Stop the tape with STOP ■-▼.
2. Press REW ◁◄- ◄ (reverse) or FWD ►▷- ► (forward). 'Fr' or 'FF' will appear on the display for 5 seconds, and then, the real time counter time will appear.
3. To stop the tape, press STOP ■-▼.

Manual tracking

To manually adjust the tracking during playback, press PROGRAMME+ PROGRAMME- or P+ P–. Tracking will return to Automatic Tracking Adjustment when you press STOP ■-▼, insert a tape, or press PLAY ►-▲.
To remove vertical jitter in a Still picture, press PROGRAMME+ PROGRAMME- or P+ P–.

6. Manual recording

General information

Use **'Manual Recording'** to make a spontaneous recording (for example, a programme currently being shown).

If you want to start and stop a recording manually, read the section **'Recording without automatic switch-off'**.

If you want to start a recording manually but have it stopped automatically, read the section **'Recording with automatic switch-off'**.
(e.g. not to record to the end of the tape)

Recording without automatic switch-off

1. Insert a cassette.
2. Use P+ P– to select the programme number you want to record, for example, 'P01'.
3. To start recording, press REC ●.
4. Stop recording with STOP ■-▼.

'PROTECTED CASETTE CANNOT RECORD' message briefly appeared in the TV screen, then the cassette was ejected.
A cassette without the security tab was inserted. Undo the erase protection.

Recording with automatic switch-off (OTR One-Touch-Recording)

1. Insert a cassette.
2. Use P+ P– to select the programme number you want to record.
3. Press REC ●.
4. Each time you press REC ● you will add 30 minutes to the recording time.
5. Stop recording with STOP ■-▼.

Preventing accidental erasing)

All cassettes (except rental and pre-recorded cassettes) have a security tab on the back of the cassette.
To prevent recording over important recordings (erasing), you can remove this security tab.
If you later decide to record on a protected cassette, simply cover the hole with adhesive tape or slide the tab to the right.

Lining up recordings (assemble cut)

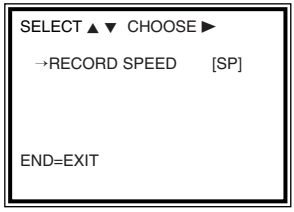
When you add a further recording to a cassette, which already has a recording on it, a short blank (flicker) can appear between the old and the new recording or the picture itself can flicker. To help reduce these from occurring, proceed as follows:

1. Find the tape position of the old recording where you want to insert the new recording.
2. Look at the last minute of the old recording (playback).
3. Press STILL ⏭ at the tape position where the new recording is to go and press REC ●.
4. Now start recording as usual by pressing REC ● on the remote control.
5. Stop recording with STOP ■-▼.

Selecting the recording speed (SP or LP)

LP allows to double the recording duration on tape (for example six hours instead of three hours on a E180 cassette).

1. Switch on the TV. If required, select the programme number for the video recorder.
2. Press MENU. The main menu will appear.
3. Select 'RECORD SETUP' using PLAY ►-▲ or STOP ■-▼ and confirm with FWD ►▷-►.



4. Select the required recording speed with FWD ►▷-►.

'SP' / 'LP'
'SP': Standard Play (normal recording speed) offers the usual first-class picture quality.
'LP': Long Play (half recording speed, double recording time). 6 hours can be recorded on a 3-hour cassette (E180) with a somewhat reduced picture quality.

5. To end, press STATUS/EXIT.

7. Programming a recording (TIMER)

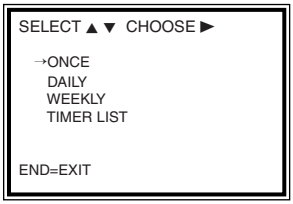
General information

Use a TIMER programming to automatically start and stop a recording at a later time or date. The video recorder will switch to the right programme number and begin recording at the correct time. With this video recorder, you can pre-programme up to eight recordings within a period of one year. To make a programmed recording, your video recorder needs to know:
* the date you want to make the recording
* the programme number of the TV channel
* the start and stop time of the recording

This information is saved in a 'TIMER' block.

Programming a recording

1. Switch on the TV. If required, select the programme number for the video recorder.
2. Press MENU. The main menu will appear.
3. Select 'TIMER' with PLAY ►-▲ or STOP ■-▼. Then press FWD ►▷- ►.
4. Select 'ONCE', 'DAILY', or 'WEEKLY' recording with PLAY ►-▲ or STOP ■-▼. Then press FWD ►▷- ►.



SelectingONCE/DAILY/WEEKLY recordings
'ONCE': Recording once
'DAILY': Repeated daily recordings from Monday to Friday
'WEEKLY.': Repeated weekly recordings (every week on the same day)

Error message : ' **FULL** '

- If this error message appears after you select 'ONCE', 'DAILY', or 'WEEKLY' on TIMER menu and press FWD ►▷- ►, then all TIMER blocks are already programmed. No more recordings can be programmed. If you want to clear or check a programmed recording(TIMER block), select the programme number on TIMER LIST menu and press **CLEAR**.

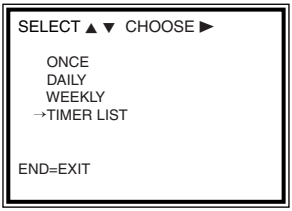
5. Select TIMER block with 0..9.
6. Enter the Start time (START), End time (STOP), Programme number (PROG) and the Date (DATE) with 0..9

Programme numbers of the 'TV' scart socket
You can also programme recordings from external sources via scart socket 'TV'. Select programme number, 'A/V IN' with 0.0.

7. When all inputs are correct, press STATUS/EXIT. The programming information is stored in a TIMER block.
8. Insert a cassette with an intact security tab (unprotected).
9. Switch off with STANDBY/ON ⏻.
   The programmed recording will only function when the video recorder is switched off with STANDBY/ON ⏻.

How to check, or delete a programmed recording (TIMER)

1. Switch on the TV. If required, select the programme number for the video recorder.
2. Press MENU. The main menu will appear.
3. Select 'TIMER' with PLAY ►-▲ or STOP ■-▼. Then press FWD ►▷- ►.
4. Select 'TIMER LIST' with PLAY ►-▲ or STOP ■-▼, and confirm with FWD ►▷- ►.
5. Select timer block with FWD ►▷- ►.



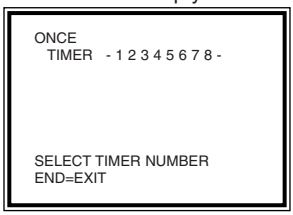
6. To cancel the recording, press CLEAR.

Timer block disappeared when I pressed FWD ►▷- ►.
You have checked all the programmed recordings. If you want to check them again, repeat steps 2 to 5.

7. To end, press STATUS/EXIT.
8. Switch off with STANDBY/ON ⏻.

How to change a programmed recording (TIMER)

1. Switch on the TV. If required, select the programme number for the video recorder.
2. Press MENU. The main menu will appear.
3. Select 'TIMER' with PLAY ►-▲ or STOP ■-▼. Then press FWD ►▷- ►.
4. Select ONCE, DAILY, or WEEKLY recording with PLAY ►-▲ or STOP ■-▼. Then press FWD ►▷- ►.
5. Select a TIMER block with 0..9. (The flashing number indicates an empty TIMER block.)



6. Press CLEAR to delete information and input correct information with 0..9.
7. To end, press STATUS/EXIT.
8. Switch off with STANDBY/ON ⏻.

Problems and solutions for programmed recordings

Error message: '☑' flashes in the video recorder display

- No cassette was inserted. Insert a cassette and switch off the video recorder using STANDBY/ON ⏻.

Cassette was ejected as soon as the STANDBY/ON ⏻ button was pressed

- A cassette without the security tab was inserted. Undo the erase protection (chapter 'Manual recording', section 'Preventing accidental erasing') or insert a different cassette.

'TURN OFF VCR FOR TIMER RECORDING' flashes on the TV screen

- The video recorder is switched on several minutes before the start of a programmed recording. Switch off the video recorder with STANDBY/ON ⏻. A programmed recording (timer) will only function when the video recorder is switched off.

Cassette is ejected during recording

- The end of the tape was reached during recording.

The video recorder does not react

- While a programmed recording is being made, you cannot operate your video recorder manually. If you want to cancel the programmed recording, press STOP/EJECT on the front panel.

Changing the video (colour) system

If you playback recordings made on other video recorders or you want to record from external sources (via the scart socket), the automatic video (colour) system switch-over may lead to colour distortion.
You can switch off the automatic TV system switch-over as follows.

Video (colour) systems
Other countries, other video (colour) systems: In central Europe transmissions are broadcast in the PAL system (Phase Alternation Line) standard. France uses SECAM (Séquentiel à mémoire). Middle East countries use ME-SECAM (Middle East SECAM).In some countries (USA and Japan), TV viewers receive their programmes as an NTSC signal (National Television System Committee).

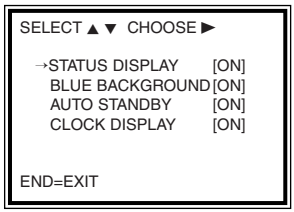
1. Press SYSTEM on the remote control to select the TV (colour) system with the least disruptions during playback.
   Each pressing SYSTEM, the display will change cyclicaly; AUTO, ME-SECAM, PAL.

2. After 5 seconds, the OSD will disappear.

Switching the status display off or on

Along with the on screen menu, the status display also displays information on the current operating status (counter, playback, recording, TV channel, etc.) on the TV screen. You can switch off the information about the operating status so that the status display is not recorded when copying videocassettes.

1. Switch on the TV. If required, select the programme number for the video recorder.
2. Press MENU. The main menu will appear.
3. Select 'VCR SET UP' with PLAY ►-▲ or STOP ■-▼ and confirm with FWD ►▷- ►.
4. Select 'STATUS DISPLAY' with PLAY ►-▲ or STOP ■-▼.



5. Select 'ON' or 'OFF' with FWD ►▷- ►.

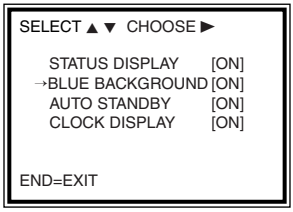
Which settings can I choose?
'ON': Shows the status display for a few seconds only.
'OFF': Switches off the status display.

6. To end, press STATUS/EXIT.

Blue Background on or off

If you want the TV screen to be solid blue when a weak signal is received, set BLUE BACKGROUND to 'ON'. The screen will be blue and the sound will be muted. Or, if you want to receive the weak signal, set BLUE BACKGROUND to 'OFF'.

1. Switch on the TV. If required, select the programme number for the video recorder.
2. Press MENU. The main menu will appear.
3. Select 'VCR SET UP' using PLAY ►-▲ STOP ■-▼ and confirm with FWD ►▷- ►.
4. Select 'BLUE BACKGROUND' with PLAY ►-▲ STOP ■-▼.

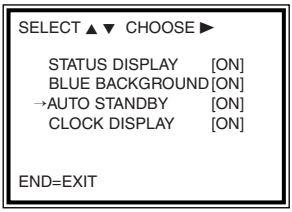


5. Select 'OFF' (no blue background) or 'ON' (blue background on) with FWD ►▷- ►.
6. To end, press STATUS/EXIT.

Automatic switch-off

If you haven't used the video recorder for a few minutes in certain modes (e.g.: STOP), it will switch to standby automatically. You can cancel this function to use the video recorder as a television receiver.

1. Switch on the TV. If required, select the programme number for the video recorder.
2. Press MENU. The main menu will appear.
3. Select 'VCR SET UP' using PLAY ►-▲ or STOP ■-▼ and confirm with FWD ►▷- ►.
4. Select 'AUTO STANDBY' using PLAY ►-▲ or STOP ■-▼.

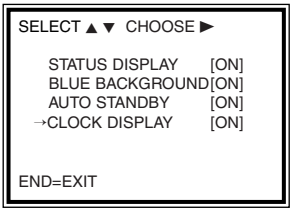


5. Select 'OFF' (no automatic switch-off) or 'ON' (automatic switch-off) with FWD ►▷- ►.
6. To end, press STATUS/EXIT.

Clock Display

This function allows you to switch the VCR display off. It is useful in case you feel disturbed by the display-brightness while watching TV in a dark room. It also reduces the power consumption.

1. Switch on the TV. If required, select the programme number for the video recorder.
2. Press MENU. The main menu will appear.
3. Select 'VCR SET UP' using PLAY ►-▲ or STOP ■-▼ and confirm with FWD ►▷- ►.
4. Select 'CLOCK DISPLAY' using PLAY ►-▲ or STOP ■-▼.



5. Select 'OFF' (no clock display) or 'ON' (clock display on) with FWD ►▷- ►.
6. To end, press STATUS/EXIT.

9. Before you call an engineer

If, contrary to expectation, you have any problems using this video recorder, it may be caused by the following reasons.

Your video recorder does not respond to any button being pressed:
There is no power supply: check the power supply.
- A programmed recording is currently being made: if desired, cancel the programmed recording. Please see the section 'Problems and solutions for programmed recordings' in chapter 'Programming a recording (TIMER)'
- There is a technical problem: disconnect from the mains power supply for 60 seconds, then connect again.
  If this doesn't help, you could reset your video recorder to the default factory settings.

Resetting devices to default factory settings
*** Attention:**
All the information stored (TV channels, time and date, TIMER) will be cleared.
1. Switch off this video recorder with STANDBY/ON ⏻.
2. Press and hold STOP/EJECT and PROGRAMME+ for 2 seconds or more at the same time.

Cassette is jammed in the video recorder:
- Don't use force. Pull out the mains plug for the moment. Then, call an engineer.

Remote control does not work:
- Remote control not pointed toward the video recorder: point it at the video recorder.
- There is a technical problem: Take out the batteries, wait for 10 seconds and place them back.
- Batteries have run out: change the batteries.

No picture when you play a cassette:
- There is no recording on the cassette: change the cassette.
- You have selected the wrong programme number on the TV for playing cassette: on the TV, select the correct programme number for the video recorder.
- The cable connecting the TV and the video recorder has come loose: check the cable.

Poor picture quality when you play a cassette:
- Your TV is not properly adjusted.
- The cassette is badly worn or of poor quality: use new cassette.
- Tracking is not properly adjusted: turn to section 'Manual tracking'.

No recording possible:
- The TV channel you want to record is not stored or you selected the wrong programme number: check TV channels stored.
- A cassette was inserted that does not have the security tab (cannot be used to record): cover the hole with adhesive tape or use a cassette with an intact security tab. For more information, please see the section 'Preventing accidental erasing' in chapter 'Manual recording'.

There is picture or sound interference on TV reception:
- Turn to chapter 'Installing your video recorder' and read 'Setting the RF out channel'.
- Have your aerial checked.

You can also call the **customer service centre** in your country.
The telephone numbers can be found on page 16 of this operating manual. Have the model number (MODEL NO.) and the production number (PROD.NO.) of your video recorder ready.

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N-0612 Oslo
NORWAY
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PHILIPS AUSTRIA GMBH
Triesterstrasse 64
1101 Wien
AUSTRIA
Tel: 0810 001 203

PHILIPS PORTUGUESA, S.A.
Consumer Information Centre
Rua Dr. António Loureiro Borge, nr. 5
Arquiparque, Miraflores
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PHILIPS CE, The Philips Centre,
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Consumer Information Centre
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BELGIUM (for BENELUX)
Tel: 070-222303

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